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În re:

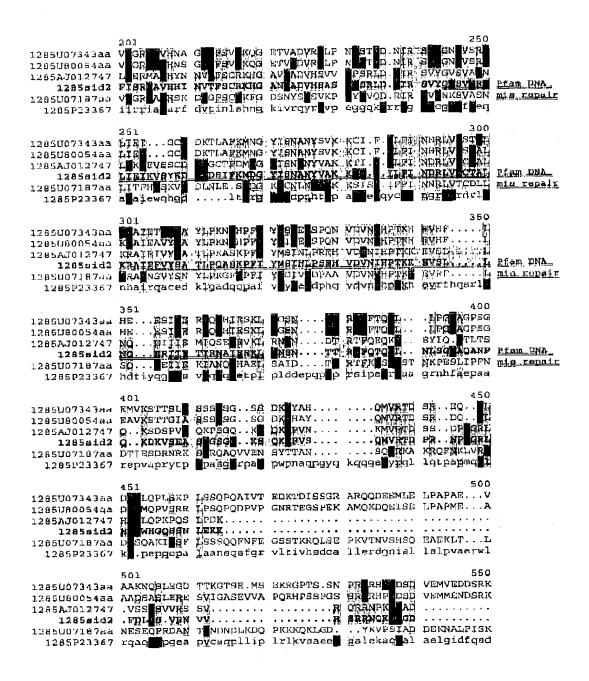
Mahajan et al.. 09/954,950

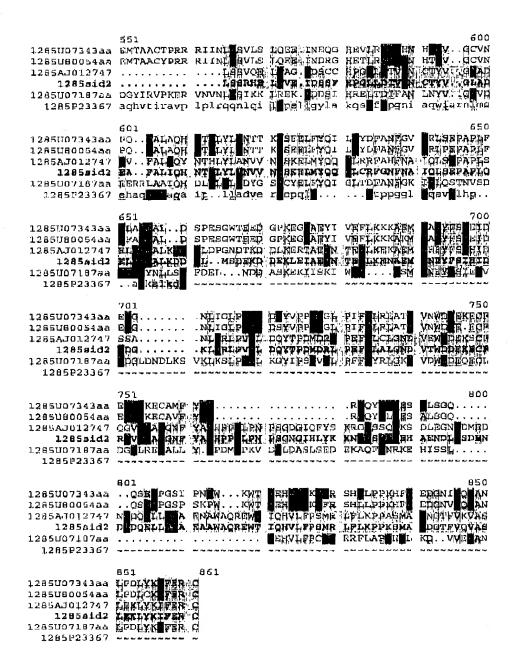
Appl. No. Filed

September 18, 2001

APPENDIX TAB 1

```
PileUp - MLH1 & MutL sequences
March 9, 2004
Symbol comparison mable: blogum62.cmp CompCheck: 1102
                                  GapWeight: 8 GapLengthWeight: 2
  1285AJ012747_pileup_113732.txt MSF: 861 Type: P March 9, 2004 15:49
Check: 3903 ..
                             Protein encoded by GenBank U07343, human
U07343aa
                            Protein encoded by GenBank U80054, Rat
U80054aa
AJ012747aa Protein encoded by GenBank AJ012747, A. thaliana
1285sid2 SEQ ID NO: 2, Rice
                           Protein encoded by GenBank U07187, S. cerevisaie
U07187aa
                             SwissProt MutL, E. coli
P23367
FORMATTING:
Residues Tdentigal to 1285sid2
Residues to 1285sid2 (A. S. & T; M, I, L, & V; D & E; Q & N; F,
Y, & W; and K & R. See, Creighton (1984) Proteins W.H. Freeman &
Residues Similar to 1285sid2, alternate conservative groups (A, S, T,
P, & G; M, I, L, & V; D, E, Q, & N; K, R, & H; and Y, F, & W. As used
in McKay et a). Genomics 36:305-315 1996))
MutL/PMS1 Signature Sequence Underlined Bold (see Figure 2)
Pfam domain DNA-mis-repair Pouble-underlined Bold (Exhibit A, 5/19/03)
1285U07343aa NAKKELENC LDAK SACY TYK GGEKET GODNGTER GEFORE TORK 1285U80054aa NAKETENC LDAK SACY TYK GGEKET GODNGTER KENDER ONE 1285AJ012747 SAVKELENS LPACARS BY VVCOGGEKET GVEDDOGER REDEFICIER 1285B442 SAVKELENS LPACARS BY AVKDGGLKET GVEDDOGER REDEFICIER 1285U0718744 NAKETENS PANAM DE LVK GGEKET GVEDDOGER KANTENSCER 1285U23367 SVVKGLENS LAGGER GEFORGER KANTENSCER KANTENS
151
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Mahajan et al..

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09/954,950

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APPENDIX TAB 2